

FORM PTO-1390 (Modified) (REV 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 70869-0074US	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (UNKNOWN) 37 CFR 107019880	
INTERNATIONAL APPLICATION NO. PCT/US01/11732		INTERNATIONAL FILING DATE 27 April 2001 (27.04.01)		PRIORITY DATE CLAIMED 28 April 2000 (28.04.00)	
TITLE OF INVENTION BLOOD COMPONENTS SEPARATOR DISK					
APPLICANT(S) FOR DO/EO/US James R. ELLSWORTH and Steven F. LEVESQUE					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.	<input checked="" type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.			
4.	<input type="checkbox"/>	The US has been elected by the expiration of 19 months from the priority date (Article 31).			
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))			
	a. <input type="checkbox"/>	is attached hereto (required only if not communicated by the International Bureau).			
	b. <input type="checkbox"/>	has been communicated by the International Bureau.			
	c. <input checked="" type="checkbox"/>	is not required, as the application was filed in the United States Receiving Office (RO/US).			
	<input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).			
	a. <input type="checkbox"/>	is attached hereto.			
	b. <input type="checkbox"/>	has been previously submitted under 35 U.S.C. 154(d)(4).			
	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))			
	a. <input type="checkbox"/>	are attached hereto (required only if not communicated by the International Bureau).			
	b. <input type="checkbox"/>	have been communicated by the International Bureau.			
	c. <input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.			
	d. <input checked="" type="checkbox"/>	have not been made and will not be made.			
	<input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
	<input checked="" type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).			
	<input type="checkbox"/>	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).			
11.	<input type="checkbox"/>	A copy of the International Preliminary Examination Report (PCT/IPEA/409).			
12.	<input type="checkbox"/>	A copy of the International Search Report (PCT/ISA/210).			
Items 13 to 20 below concern document(s) or information included:					
13.	<input checked="" type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
14.	<input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
15.	<input type="checkbox"/>	A FIRST preliminary amendment.			
16.	<input type="checkbox"/>	A SECOND or SUBSEQUENT preliminary amendment.			
17.	<input type="checkbox"/>	A substitute specification.			
18.	<input type="checkbox"/>	A change of power of attorney and/or address letter.			
19.	<input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.			
20.	<input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).			
21.	<input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
22.	<input type="checkbox"/>	Certificate of Mailing by Express Mail			
23.	<input type="checkbox"/>	Other items or information:			

U.S. APPLICATION NO. (IF KNOWN) SEE 37 CFR 10/019680		INTERNATIONAL APPLICATION NO. PCT/US01/11732		ATTORNEYS' FIRM NUMBER 70869-0074US	
24. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :				CALCULATIONS PTO USE ONLY	
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00					
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00					
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00					
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00					
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$710.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	16 - 20 =	0	x \$18.00	\$0.00	
Independent claims	3 - 3 =	0	x \$84.00	\$0.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$710.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$710.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$0.00	
TOTAL NATIONAL FEE =				\$710.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				\$0.00	
TOTAL FEES ENCLOSED =				\$710.00	
				Amount to be: refunded \$	
				charged \$	
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1088</u> in the amount of <u>\$710.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1088</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Conrad J. Clark Clark & Brody 1750 K Street, NW, Suite 600 Washington, DC 20006 Telephone: 202-835-1111 Facsimile: 202-835-1755				<div style="text-align: center;"> </div> SIGNATURE Conrad J. Clark NAME 30,340 REGISTRATION NUMBER January 4, 2002 DATE	